

C l a i m s

1. A hook included in a lifting device, where the hook is of the type where a lifting tool is placed in and released from the hook (1) through a hook opening (11), and where the hook (1) is provided with a locking bolt (15) arranged to be displaced in a bore (10) in the body (3) of the hook between a first position in which the hook opening (11) is open and a second position in which the hook opening (11) is closed, the locking bolt (15) being provided with a locking device (20, 25) arranged to prevent the locking bolt (15) from returning to the bore (10) in an uncontrolled manner,
c h a r a c t e r i z e d i n that a portion of the locking device (20, 25) is arranged to abut a portion of the body (3) of the hook outside the bore (10) when the locking bolt (15) is substantially in the second position, where the hook opening is closed.
2. A hook according to Claim 1,
c h a r a c t e r i z e d i n that the locking device (20, 25) is constituted by a locking pawl (20) integrated and rotatably arranged in a recess (28) in the locking bolt (15), which locking pawl (20) is arranged to rotate about a locating point (39), whereby part of the locking pawl (20) is rotated into and out of the recess (28).
3. A hook according to Claim 2,
c h a r a c t e r i z e d i n that rotation of the locking pawl (20) is effected by a spring device (18) arranged in the recess (28), which spring device (18) pre-tensions the free end portion of the locking pawl (20) so as to make it protrude from the recess (28).

4. A hook according to Claim 1,
c h a r a c t e r i z e d i n that the locking
bolt (15) is spring loaded to abut a free end portion
(13, 14) of the hook.
5. A hook according to any one of the preceding claims,
c h a r a c t e r i z e d i n that the locking
pawl (20) is arranged to be pushed into the locking bolt
recess (28) by an applied resultant force that is
opposite of the pre-tensioning force effected by the
spring device (18).
6. A hook according to Claim 5,
c h a r a c t e r i z e d i n that the locking
pawl (20) is arranged to be driven into the locking bolt
recess (28) by a force transferred from an actuating
lever (9).
7. A hook according to Claim 5 or 6,
c h a r a c t e r i z e d i n that the force is
transferred from the actuating lever (9) via a rope (35)
and the actuating pawl (25) arranged between the locking
pawl (20) and the rope (35).
8. A hook according to Claim 6 or 7,
c h a r a c t e r i z e d i n that the actuating
lever (9) is substantially integrated into a slot (7) in
the body (3) of the hook.
9. A hook according to any one of the preceding claims,
c h a r a c t e r i z e d i n that some or all of
the components of the hook (1) are made from corrosion
resistant material(s).